

Linear LED Wallwasher



General

Length (mm)	1000
Width (mm)	37
Height (mm)	53
Cover	Aluminum + Lens Optics
Housing Material	Aluminum – AA 6063
Mounting	Surface mounted
Weight (g)	1300
Cable Length (cm)	50 cm
Connector	M16 – 5 pin

Electronics

Input Voltage	24 V DC
Power Consumption (W)	36
Power Supply	External
Energy Class	A

Lighting

Emission	Direct
Optics (°)	10x60 (optional: 15, 25, 45)
LED Quantity	48
LED Spacing (mm)	21
Color Range	RGBW, White
Color Temperature (Kelvin)	2700 K, 5500 K
Colour Rendering Index (CRI)	80
Luminous Flux	1980 lm (RGBW), 2700 lm (2700K), 3000 lm (5500K),

Control

Control	DMX
Control Units	Single pixel

Environmental

Storage Temperature	-30 ~ +60 °C
Operating Temperature	-30 ~ +50 °C
Impact Protection	IK07
Ingress Protection	IP67
Enclosure	IEC 60529



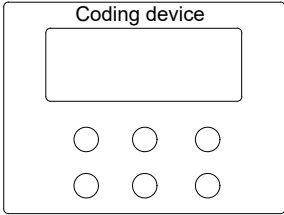
IP67 3 year warranty

Disclaimer

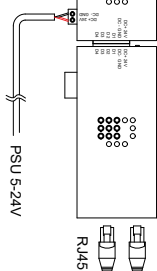
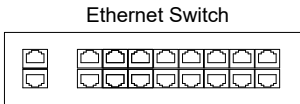
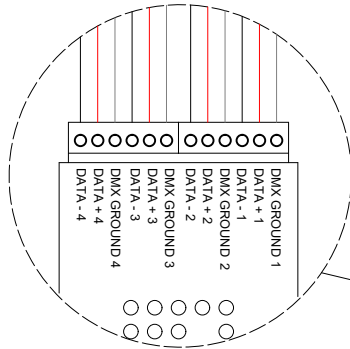
Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



Step	Select
1	BW512C
2	Set Address



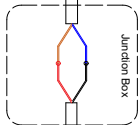
After completing the address setting the **program cable** can be changed to the **3Pin DMX cable** and connected the DMX interface or DiGiDot C4



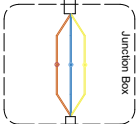
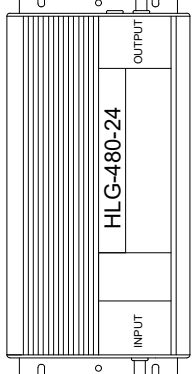
To next DiGiDot C4
Up to 10 DiGiDot C4's can be daisy chained

Y-split connector
(standard 1mtr powercable)

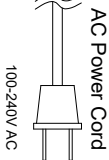
Color	Function
Brown	DC+ 24V
Blue	DC- 24V



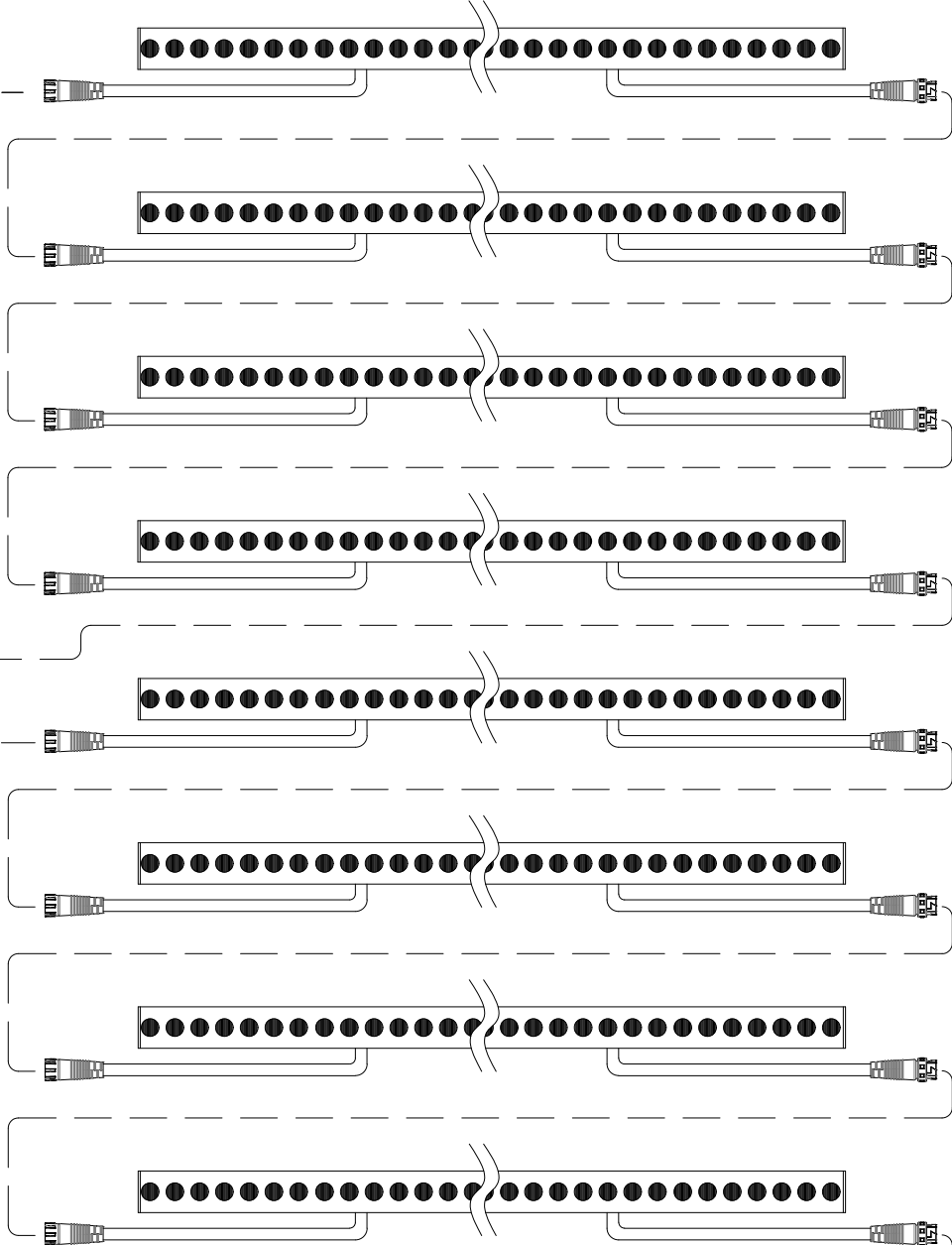
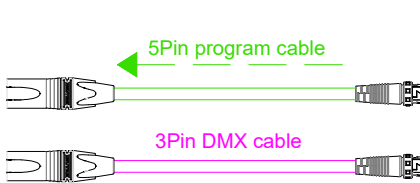
Connection can be made with the use of
2x WAGO® 2-Conductor Connector



Connection can be made with the use of
3x WAGO® 2-Conductor Connector

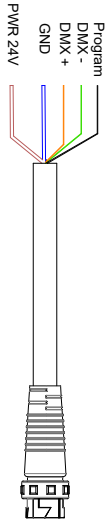


5pcs of HLG-480-24 can be connected to a B16A circuit breaker

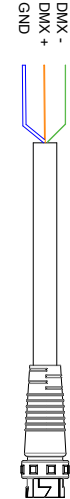


Up to 32 pieces can be daisy-chained for Data.
After 8 pieces a new power supply is necessary.
A new powerline can be made by using an Y-split as shown here
Each Wallwasher has 1 Pixels (1x4=4 channels for 1 Wallwasher)

Note: These specifications are based on the use of the 1 meter RGBW version of the Linear LED Wallwasher if other versions are used specifications have to be changed accordingly



PinOut Programming		
5pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +
4	Black	Programmer
5	Brown	V+ 24V



PinOut DMX		
3pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +

Suggested Accessories	Art.nr
Y-split connector with 1mtr cable	70502
Input connector with 1mtr cable	70501
HLG-480-24	84418
DiGiDot C4 Live 4	20101
DiGiDot Tx	20303
Endcap for connector	70505

Length of LED you can connect to 1 power supply:
Power consumption Wallwasher per meter divided by the total power of the power supply

For example:
Power consumption Linear LED Wallwasher
RGBW: 36W/meter
Power supply: 480W
480W/36W = 13 Wallwashers

Because of the power you cannot connect more than 13 Wallwashers on to 1 Power supply.
-> For this Wallwasher you can connect on 1 powercable: 8 fixtures

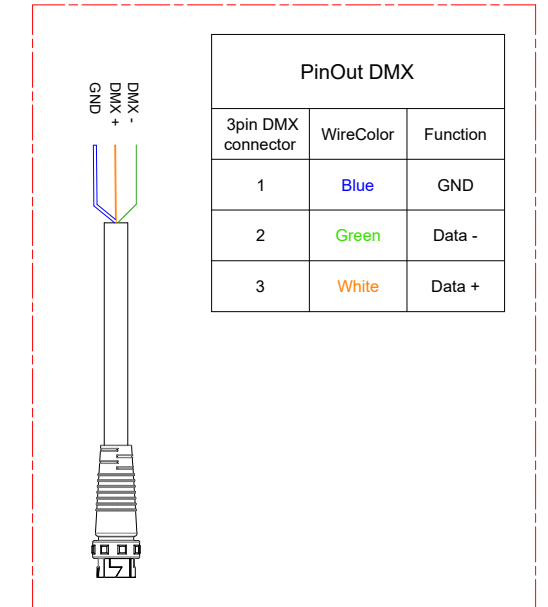
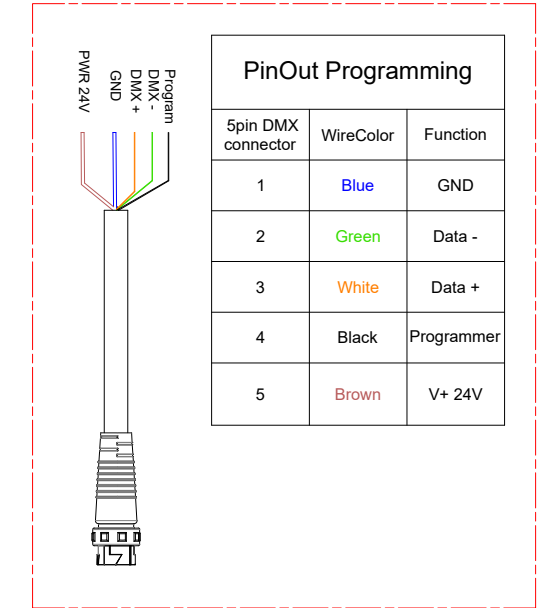
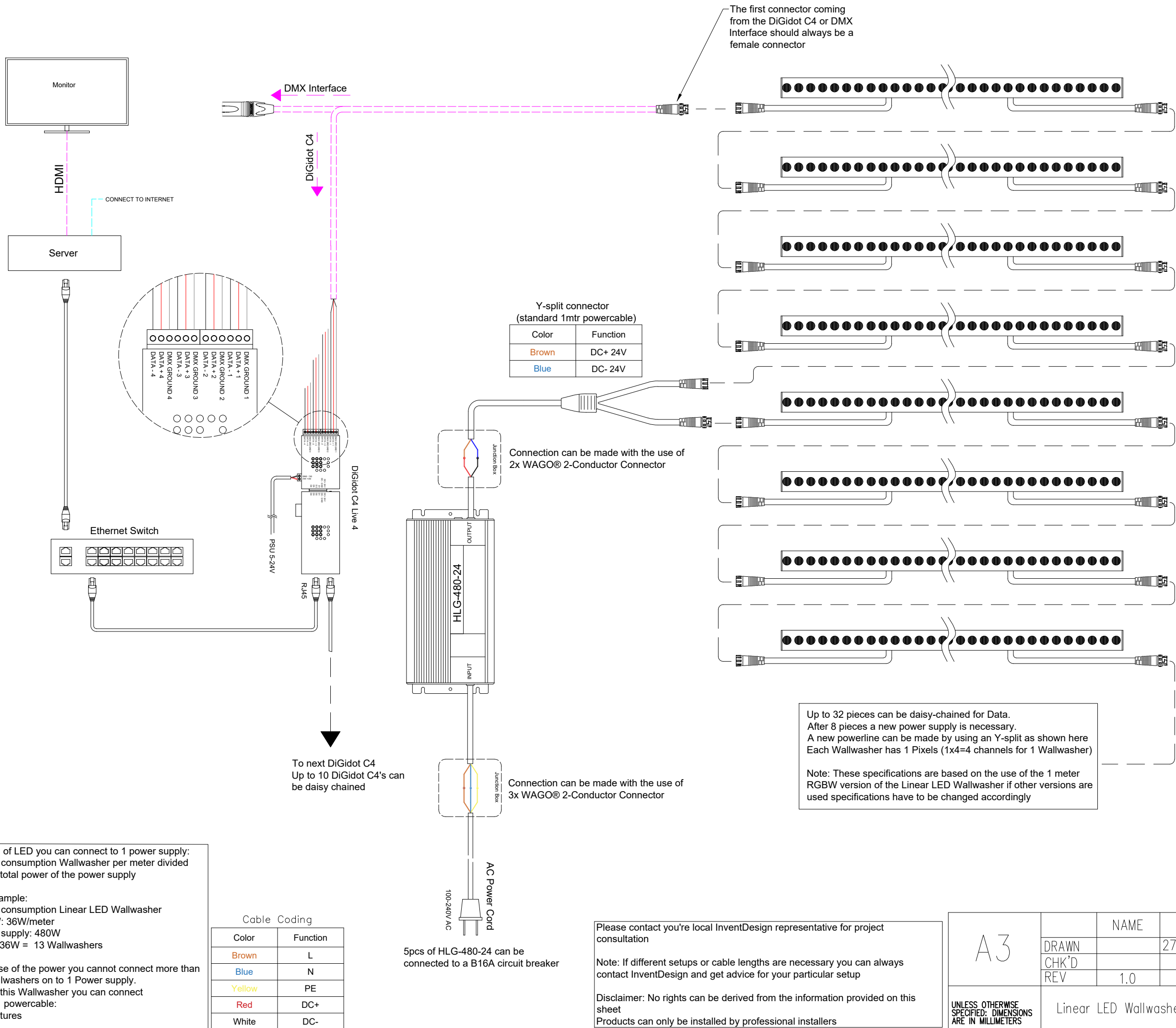
Cable Coding	
Color	Function
Brown	L
Blue	N
Yellow	PE
Red	DC+
White	DC-

Please contact you're local InventDesign representative for project consultation

Note: If different setups or cable lengths are necessary you can always contact InventDesign and get advice for your particular setup

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Products can only be installed by professional installers

A3		NAME	DATE		TITLE: WIRING DIAGRAM
	DRAWN		27-12-2018		
	CHK'D				
	REV	1.0			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	Setup for Coding Device Linear LED Wallwasher RGBW			PRODUCT: 34201W/B	
				SCALE: NOT TO SCALE SHEET 1 OF 1	



Suggested Accessories	Art.nr
Y-split connector with 1mtr cable	70502
Input connector with 1mtr cable	70501
HLG-480-24	84418
DiGidot C4 Live 4	20101
DiGidot Tx	20303
Endcap for connector	70505

A3

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INVENTDESIGN

TITLE: WIRING DIAGRAM

PRODUCT: 34201W/B

SCALE: NOT TO SCALE

SHEET 1 OF 1

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Cable Coding	
Color	Function
Brown	L
Blue	N
Yellow	PE
Red	DC+
White	DC-

5pcs of HLG-480-24 can be connected to a B16A circuit breaker

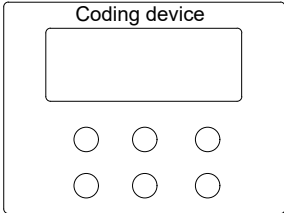
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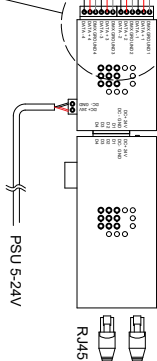
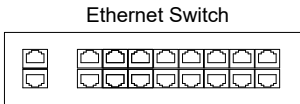
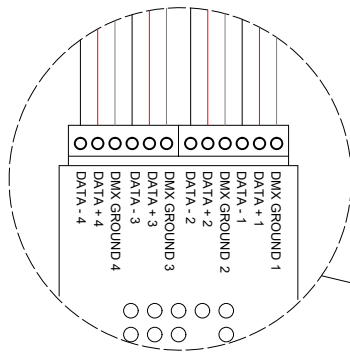
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	Linear LED Wallwasher RGBW		

Step	Select
1	BW512C
2	Set Address



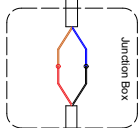
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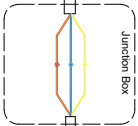
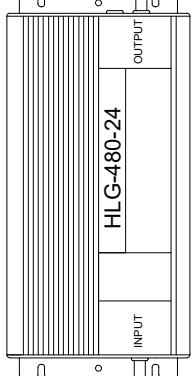
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Y-split connector
(standard 1mtr powercable)

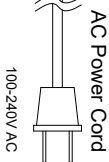
Color	Function
Brown	DC+ 24V
Blue	DC- 24V



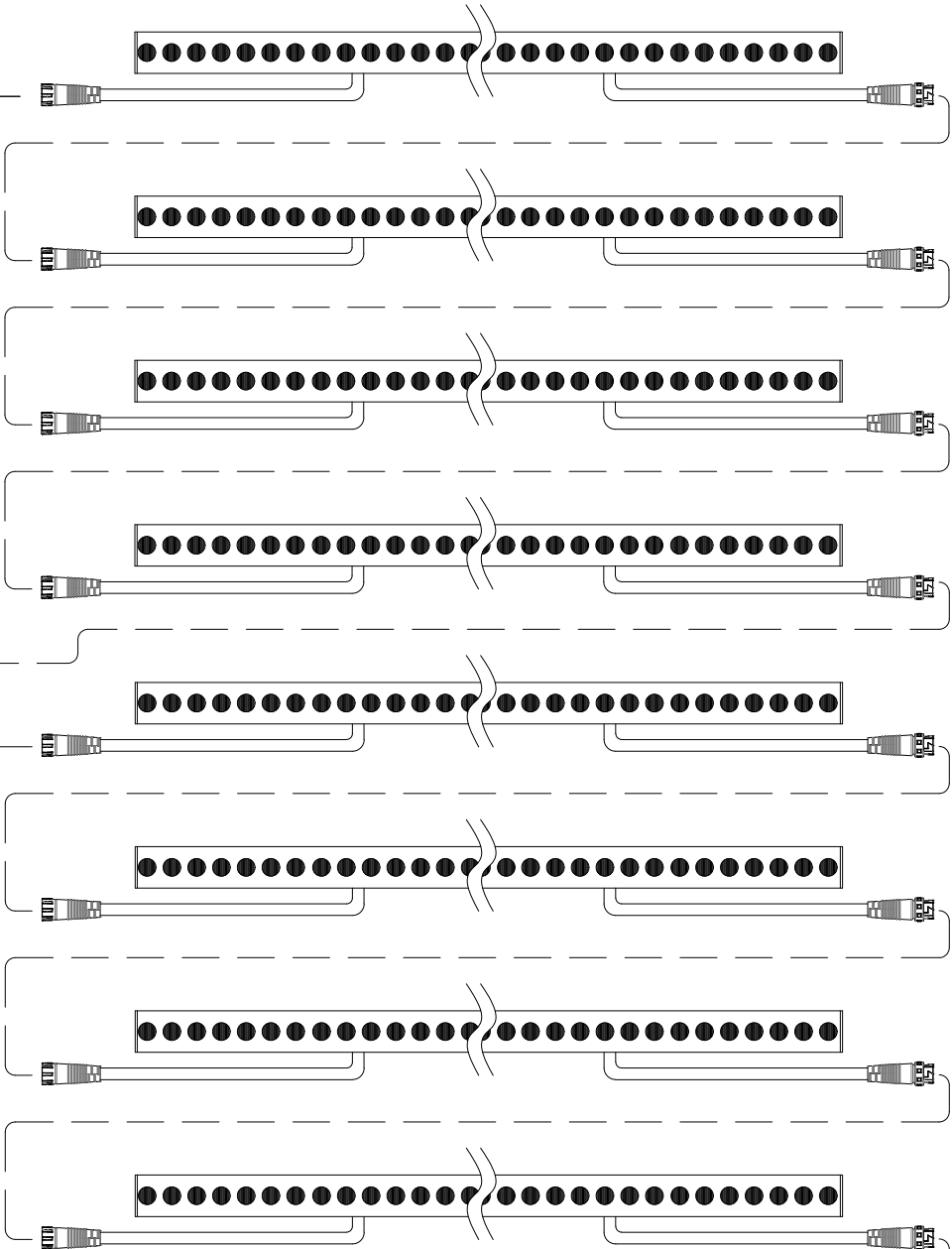
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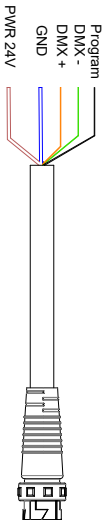


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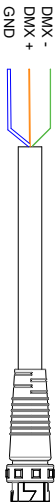


Up to 32 pieces can be daisy-chained for Data.
After 8 pieces a new power supply is necessary.
A new powerline can be made by using an Y-split as shown here
Each Wallwasher has 1 Pixels (1x4=4 channels for 1 Wallwasher)

Note: These specifications are based on the use of the 1 meter
Single Color version of the Linear LED Wallwasher if other
versions are used specifications have to be changed accordingly



PinOut Programming		
5pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +
4	Black	Programmer
5	Brown	V+ 24V



PinOut DMX		
3pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +

Suggested Accessories	Art.nr
Y-split connector with 1mtr cable	70502
Input connector with 1mtr cable	70501
HLG-480-24	84418
DiGidot C4 Live 4	20101
DiGidot Tx	20303
Endcap for connector	70505

Length of LED you can connect to 1 power supply:
Power consumption Wallwasher per meter divided
by the total power of the power supply

For example:
Power consumption Linear LED Wallwasher
Single Color: 36W/meter
Power supply: 480W
480W/36W = 13 Wallwashers

Because of the power you cannot connect more than
13 Wallwashers on to 1 Power supply.
-> For this Wallwasher you can connect
on 1 powercable:
8 fixtures

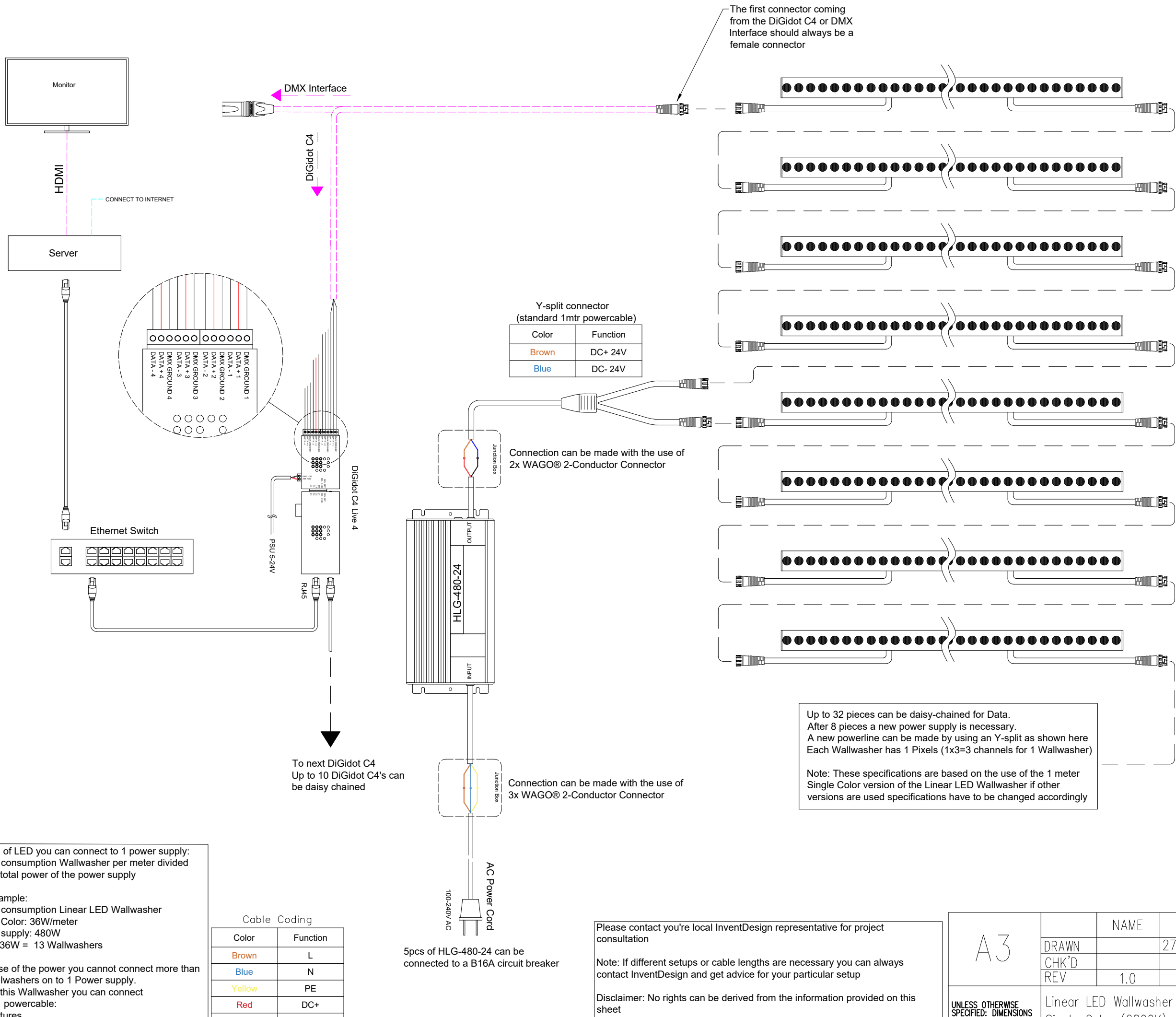
Cable Coding	
Color	Function
Brown	L
Blue	N
Yellow	PE
Red	DC+
White	DC-

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	DRAWN		27-12-2018		
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	REV	1.0			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	Setup for Coding Device Linear LED Wallwasher Single Color (2800K)			TITLE: WIRING DIAGRAM	
				PRODUCT: 34203W/B	
			SCALE: NOT TO SCALE SHEET 1 OF 1		



PinOut Programming

5pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +
4	Black	Programmer
5	Brown	V+ 24V

PinOut DMX

3pin DMX connector	WireColor	Function
1	Blue	GND
2	Green	Data -
3	White	Data +

Up to 32 pieces can be daisy-chained for Data.
After 8 pieces a new power supply is necessary.
A new powerline can be made by using an Y-split as shown here
Each Wallwasher has 1 Pixels (1x3=3 channels for 1 Wallwasher)

Note: These specifications are based on the use of the 1 meter Single Color version of the Linear LED Wallwasher if other versions are used specifications have to be changed accordingly

Suggested Accessories	Art.nr
Y-split connector with 1mtr cable	70502
Input connector with 1mtr cable	70501
HLG-480-24	84418
DiGidot C4 Live 4	20101
DiGidot Tx	20303
Endcap for connector	70505

Length of LED you can connect to 1 power supply:
Power consumption Wallwasher per meter divided by the total power of the power supply

For example:
Power consumption Linear LED Wallwasher
Single Color: 36W/meter
Power supply: 480W
480W/36W = 13 Wallwashers

Because of the power you cannot connect more than 13 Wallwashers on to 1 Power supply.
-> For this Wallwasher you can connect on 1 powercable: 8 fixtures

Cable Coding	
Color	Function
Brown	L
Blue	N
Yellow	PE
Red	DC+
White	DC-

5pcs of HLG-480-24 can be connected to a B16A circuit breaker

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REV	1.0		PRODUCT: 34203W/B	SCALE: NOT TO SCALE
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	Linear LED Wallwasher Single Color (2800K)		SHEET 1 OF 1	